

**TITLE OF THE INVENTION**

POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES OF MONKEY CATHEPSIN S

**ABSTRACT OF THE INVENTION**

5 DNAs encoding monkey cathepsin S have been cloned and characterized. The recombinant protein is capable of forming biologically active protein. The cDNA's have been expressed in recombinant host cells that produce active recombinant protein. The recombinant protein is also purified from the recombinant host cells. In addition, the recombinant host cells are utilized to establish a method for identifying modulators of the receptor activity, and receptor modulators  
10 are identified.